

Appl. No. 09/787,328
Amendment dated May 6, 2004
Reply to Office Action of February 6, 2004

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An isolated DNA molecule comprising a nucleotide sequence encoding a polypeptide comprising ~~the~~an amino acid sequence of SEQ ID NO: 4.

Claim 2 (currently amended): The DNA molecule of Claim 1 wherein said nucleotide sequence encodes a polypeptide consisting of ~~the~~an amino acid sequence of SEQ ID NO: 4.

Claim 3 (original): The DNA molecule of Claim 1 wherein said nucleotide sequence comprises the nucleotide sequence of nucleotides 121-732 in SEQ ID NO: 3.

Claims 4-5 (canceled)

Claim 6 (original): A vector containing the DNA sequence of Claim 1.

Claim 7 (currently amended): An isolated host cell transformed by the vector of Claim 6.

Claim 8 (previously presented): The host cell of claim 7 which is *E. coli*.

Claim 9 (previously presented): The host cell of claim 7 which is an eukaryotic cell.

Claim 10 (currently amended): A method for producing HDGF2 protein, which comprises the steps of:

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(a) forming an expression vector comprising the nucleotide sequence encoding HDGF2 protein comprising the amino acid sequence of SEQ ID NO: 4, wherein said nucleotide sequence is operably linked with an expression regulatory sequences;

(b) introducing the vector of step (a) into a host cell, thereby forming a recombinant cell of HDGF2 protein;

(c) culturing the recombinant cell of step (b) under the conditions suitable for expression of HDGF2 protein; and

(d) isolating the HDGF2 protein.

Claim 11 (original): The method of Claim 10 wherein said nucleotide sequence comprises nucleotides 121-732 of SEQ ID NO: 3.

Claims 12-15 (canceled)